

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 03/40272A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 D21H21/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 606 773 A (NOVAK ROBERT W) 19 August 1986 (1986-08-19) claims 1-7; example 4	1,2,13, 20,21,44
X	WO 01/88262 A (BAYER AG) 22 November 2001 (2001-11-22) claims 1-25; examples 1-17	1,2,13, 20,21, 31,45,46
X	US 4 657 946 A (BRESLIN MICHAEL D ET AL) 14 April 1987 (1987-04-14) claims 1-12; examples 1-28	1,2,13, 20,21,44
X	GB 2 148 910 A (CHEVRON RES) 5 June 1985 (1985-06-05) claims 1-17; examples 1-8	1,2,13, 20,21, 31,44
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

27 May 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 533 434 A (ADACHI YOSHIO ET AL) 6 August 1985 (1985-08-06) claims 1-14; examples 1,4	1,13,20, 44
A	GB 1 492 104 A (NAT STARCH CHEM CORP) 16 November 1977 (1977-11-16) the whole document	1-45
A	EP 0 257 772 A (NIPPON OIL CO LTD ; SEIKO KAGAKU KOGYO CO LTD (JP); HOKUETSU PAPER MIL) 2 March 1988 (1988-03-02) the whole document	1-45
A	US 4 040 900 A (MAZZARELLA EMIL D ET AL) 9 August 1977 (1977-08-09) the whole document	1-45

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Information on patent family members

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